

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	25	(US-20060267759-\$ or US-20030122653-\$ or US-20060125475-\$ or US-20040021461-\$ or US-20030120448-\$ or US-20030135112-\$ or US-20030184285-\$ or US-20040107070-\$).did. or (US-6385482-\$ or US-6005916-\$ or US-5099845-\$ or US-7158754-\$ or US-6690170-\$ or US-6534985-\$ or US-6484131-\$ or US-6487516-\$ or US-6653831-\$ or US-6201987-\$ or US-6177792-\$ or US-6129668-\$ or US-6427079-\$ or US-5731996-\$ or US-4745401-\$ or US-5558091-\$ or US-6292758-\$).did.	US-PGPUB; USPAT	OR	ON	2009/11/21 16:49
L6	13	5 and excit\$5	US-PGPUB; USPAT	OR	ON	2009/11/21 16:49
L7	2	("20020193685").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/21 17:02
L8	22	(excite excitation exciting) with sensor with at adj least	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/21 17:16
L9	56	wright.in. and excit\$5 with sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/21 17:17

L10	5	5 and preamplif\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/21 17:51
L11	29	(US-20060267759-\$ or US-20030122653-\$ or US-20060125475-\$ or US-20040021461-\$ or US-20030120448-\$ or US-20030135112-\$ or US-20030184285-\$ or US-20040107070-\$ or US-20020193685-\$ or US-20050154284-\$ or US-20050154283-\$ or US-20050154280-\$).did. or (US-6385482-\$ or US- 6005916-\$ or US- 5099845-\$ or US- 7158754-\$ or US- 6690170-\$ or US- 6534985-\$ or US- 6484131-\$ or US- 6487516-\$ or US- 6653831-\$ or US- 6201987-\$ or US- 6177792-\$ or US- 6129668-\$ or US- 6427079-\$ or US- 5731996-\$ or US- 4745401-\$ or US- 5558091-\$ or US- 6292758-\$).did.	US-PGPUB; USPAT	OR	ON	2009/11/21 18:14
L12	12	11 and sequent\$5	US-PGPUB; USPAT	OR	ON	2009/11/21 18:14
L13	6012	(calibrat\$4) same (antenna coil sensor) same (receiv\$3) and track\$3	US-PGPUB; USPAT	OR	ON	2009/11/21 18:20
L14	766	(calibrat\$4) same (antenna coil sensor) same (receiv\$3) same (driv\$3 excitation excite exciting) and track\$3	US-PGPUB; USPAT	OR	ON	2009/11/21 18:21
L15	131	(calibrat\$4) same (antenna coil sensor) same (receiv\$3) same (driv\$3 excitation excite exciting) and track\$3 with (coil antenna)	US-PGPUB; USPAT	OR	ON	2009/11/21 18:21

L16	23	(calibrat\$4) same (antenna coil sensor) same (receiv\$3) same (driv\$3 excitation excite exciting) and track\$3 with (coil antenna) and patient	US-PGPUB; USPAT	OR	ON	2009/11/21 18:22
L17	40	(calibrat\$4) same (antenna coil sensor) same (receiv\$3) same (driv\$3 excitation excite exciting) and track\$3 same (coil antenna) and patient	US-PGPUB; USPAT	OR	ON	2009/11/21 18:23
L18	24	(calibrat\$4) same (antenna coil sensor) same (receiv\$3) same (driv\$3 excitation excite exciting) with channel and track\$3 and patient	US-PGPUB; USPAT	OR	ON	2009/11/21 18:28
L19	26	(calibrat\$4 correct\$4) and 11	US-PGPUB; USPAT	OR	ON	2009/11/21 19:04
L20	21	(calibrat\$4 correct\$4) with (sens\$3 track\$3 coil element) and 11	US-PGPUB; USPAT	OR	ON	2009/11/21 19:30
L21	11	11 and sinusoid\$3	US-PGPUB; USPAT	OR	ON	2009/11/21 19:34
L22	243	magnetic and track\$3 and (coil antenna sensor) with array and (calibrat\$3) same excit\$5	US-PGPUB; USPAT	OR	ON	2009/11/21 19:46
L23	80	magnetic and track\$3 and (coil antenna sensor) with array and (calibrat\$3) same excit\$5 and patient	US-PGPUB; USPAT	OR	ON	2009/11/21 19:46
S1	263	("20020193685"   "20030041866"   "20030052785"   "20030066537"   "20030088178"   "20030105394"   "20030122653"   "20030149353"   "20030192557"   "20040101073"   "20040125916"   "20040133101"   "20040138555"   "20040158146"   "20050059884"   "20050195084"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:36

"20050261570"	
"20060125475"	
"20060247511"	
"20060267759"	
"3577160"	"3967161"
"3969629"	"4023167"
"4114601"	"4123749"
"4127110"	"4160971"
"4222374"	"4260990"
"4393872"	"4618822"
"4633250"	"4642786"
"4643196"	"4696287"
"4795995"	"4799495"
"4909789"	"4936823"
"4994079"	"5019713"
"5031634"	"5057095"
"5062847"	"5095224"
"5099845"	"5107862"
"5142292"	"5170055"
"5189690"	"5233990"
"5285772"	"5325873"
"5353804"	"5377678"
"5386191"	"5396889"
"5396905"	"5400787"
"5409004"	"5423334"
"5425367"	"5425382"
"5509900"	"5528651"
"5559435"	"5621779"
"5638819"	"5659248"
"5664582"	"5680106"
"5697384"	"5707362"
"5707390"	"5727552"
"5729129"	"5735795"
"5745545"	"5764052"
"5769861"	"5810851"
"5815076"	"5840148"
"5868673"	"5879297"
"5910144"	"5928137"
"5951481"	"5989265"
"6005916"	"6026818"
"6059734"	"6061644"
"6067465"	"6076008"
"6081238"	"6082366"
"6129668"	"6165135"
"6198963"	"6230038"
"6246900"	"6307473"
"6363940"	"6371379"
"6380732"	"6385482"
"6405072"	"6416520"
"6474341"	"6534982"
"6543272"	"6553326"
"6564807"	"6583613"
"6611141"	"6675810"
"6698433"	"6701179"
"6772351"	"6812842"

		"6822570"   "6838990"   "6838990"   "6905245"   "6918919"   "6977504"   "7026927"   "7072415"). PN.				
S2	52	S1 and (dipole flux)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:39
S3	12	S1 and (dipole flux) same array	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:39
S4	8	S1 and (dipole flux) same array and calibrat \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:42
S5	4	S1 and (dipole flux) same array and calibrat \$4 and excit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/12 14:46
S6	263	("20020193685"   "20030041866"   "20030052785"   "20030066537"   "20030088178"   "20030105394"   "20030122653"   "20030149353"   "20030192557"   "20040101073"   "20040125916"   "20040133101"   "20040138555"   "20040158146"   "20050059884"   "20050195084"   "20050261570"   "20060125475"   "20060247511"   "20060267759"   "3577160"   "3967161"   "3969629"   "4023167"   "4114601"   "4123749"   "4127110"   "4160971"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 17:21

"4222374"	"4260990"
"4393872"	"4618822"
"4633250"	"4642786"
"4643196"	"4696287"
"4795995"	"4799495"
"4909789"	"4936823"
"4994079"	"5019713"
"5031634"	"5057095"
"5062847"	"5095224"
"5099845"	"5107862"
"5142292"	"5170055"
"5189690"	"5233990"
"5285772"	"5325873"
"5353804"	"5377678"
"5386191"	"5396889"
"5396905"	"5400787"
"5409004"	"5423334"
"5425367"	"5425382"
"5509900"	"5528651"
"5559435"	"5621779"
"5638819"	"5659248"
"5664582"	"5680106"
"5697384"	"5707362"
"5707390"	"5727552"
"5729129"	"5735795"
"5745545"	"5764052"
"5769861"	"5810851"
"5815076"	"5840148"
"5868673"	"5879297"
"5910144"	"5928137"
"5951481"	"5989265"
"6005916"	"6026818"
"6059734"	"6061644"
"6067465"	"6076008"
"6081238"	"6082366"
"6129668"	"6165135"
"6198963"	"6230038"
"6246900"	"6307473"
"6363940"	"6371379"
"6380732"	"6385482"
"6405072"	"6416520"
"6474341"	"6534982"
"6543272"	"6553326"
"6564807"	"6583613"
"6611141"	"6675810"
"6698433"	"6701179"
"6772351"	"6812842"
"6822570"	"6838990"
"6838990"	"6905245"
"6918919"	"6977504"
"7026927"	"7072415").

PN.

S7	2	S6 and (dipole flux) same array and preamplif \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 17:21
S8	2	("6005916").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/13 17:23
S9	68	S6 and voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 19:28
S10	46	S6 and voltage same coil	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 19:28
S11	13	S6 and appl\$3 with voltage with current	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 19:38
S12	0	S6 and calibrat\$4 with interleav\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 20:56
S13	317	(600/409).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/13 21:51
S14	85	(600/416).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/13 21:51

S15	874	(600/425).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/13 21:51
S16	2944	(324/307).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/13 21:51
S17	734	(324/300).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/13 21:51
S18	19	( "20020193685"   "20030041866"   "20030052785"   "20030066537"   "20030088178"   "20030105394"   "20030122653"   "20030149353"   "20030192557"   "20040101073"   "20040125916"   "20040133101"   "20040138555"   "20040158146"   "20050059884"   "20050195084"   "20050261570"   "20060125475"   "20060247511"   "20060267759"   "3577160"   "3967161"   "3969629"   "4023167"   "4114601"   "4123749"   "4127110"   "4160971"   "4222374"   "4260990"   "4393872"   "4618822"   "4633250"   "4642786"   "4643196"   "4696287"   "4795995"   "4799495"   "4909789"   "4936823"   "4994079"   "5019713"   "5031634"   "5057095"   "5062847"   "5095224"   "5099845"   "5107862"   "5142292"   "5170055"   "5189690"   "5233990"   )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 21:53

		"5285772"   "5325873" "5353804"   "5377678" "5386191"   "5396889" "5396905"   "5400787" "5409004"   "5423334" "5425367"   "5425382" "5509900"   "5528651" "5559435"   "5621779" "5638819"   "5659248" "5664582"   "5680106" "5697384"   "5707362" "5707390"   "5727552" "5729129"   "5735795" "5745545"   "5764052" "5769861"   "5810851" "5815076"   "5840148" "5868673"   "5879297" "5910144"   "5928137" "5951481"   "5989265" "6005916"   "6026818" "6059734"   "6061644" "6067465"   "6076008" "6081238"   "6082366" "6129668"   "6165135" "6198963"   "6230038" "6246900"   "6307473" "6363940"   "6371379" "6380732"   "6385482" "6405072"   "6416520" "6474341"   "6534982" "6543272"   "6553326" "6564807"   "6583613" "6611141"   "6675810" "6698433"   "6701179" "6772351"   "6812842" "6822570"   "6838990" "6838990"   "6905245" "6918919"   "6977504" "7026927"   "7072415"). PN. and dimmer.in.				
S19	2	("7158754").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/22 16:05
S20	9	calibrat\$4 with array same (track\$3 localization locating) and (excitation exciting) same correct\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/18 08:54

S21	14	calibrat\$4 with (array coil) same (track\$3 localization locating) and (excitation exciting) same correct\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/18 09:15
S22	7	("2557994"   "4270545"   "5389876"   "5793206"   "6534985"   "6690170").PN. OR ("7411390").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/18 09:17
S23	5	S22 and calibrat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/18 09:17
S24	566	calibrat\$4 with (array coil sensor) and (calibrat \$5) same (track\$3 localization locating) and correct\$4 and induct\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/18 11:01
S25	508	calibrat\$4 with (array coil sensor) and (calibrat \$5) same (track\$3 localization locating) and correct\$4 and induct\$4 and (driv\$3 excitation exciting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/18 11:03
S26	442	calibrat\$4 with (array coil sensor) and (calibrat \$5) same (track\$3 localization locating) and correct\$4 same (array coil sensor output) and induct\$4 and (driv\$3 excitation exciting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/18 11:04
S27	130	calibrat\$4 with (array coil sensor) and (calibrat \$5) same (track\$3 localization locating) same correct\$4 and induct\$4 and (driv\$3 excitation exciting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/18 11:04
S28	831	wright.in. and calibrat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/19 18:35

S29	48	wright.in. and calibrat\$3 and induction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/19 18:35
S30	12	wright.in. and calibrat\$3 and induction same sens \$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/19 18:36
S31	17	(US-20060267759-\$ or US-20030122653-\$ or US-20060125475-\$ or US-20040021461-\$ or US-20030120448-\$ or US-20030135112-\$ or US-20030184285-\$ or US-20040107070-\$).did. or (US-6385482-\$ or US- 6005916-\$ or US- 5099845-\$ or US- 7158754-\$ or US- 6690170-\$ or US- 6534985-\$ or US- 6484131-\$ or US- 6487516-\$ or US- 6653831-\$).did.	US-PGPUB; USPAT	OR	ON	2008/08/19 19:00
S32	9	S31 and (driv\$3 excit\$3) with (sens\$3 receiv\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/19 19:01
S33	54	("20020030483"   "3868565"   "3983474"   "4054881"   "4176662"   "4613866"   "4618822"   "4622644"   "4642786"   "4710708"   "4737794"   "4742356"   "5099845"   "5172056"   "5211165"   "5245307"   "5251635"   "5255680"   "5265610"   "5307072"   "5377678"   "5425367"   "5425382"   "5429132"   "5437277"   "5443066"   "5445150"   "5517195"   "5558091"   "5592939"   "5622169"   "5912925"   "6009878"   "6052610"   "6073043"	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/19 19:13

		"6129667"   "6129668"   "6177792"   "6188355"   "6201987"   "6226547"   "6230038"   "6233476"   "6259372"   "6369564"   "6374131"   "6374134"   "6427079"   "6459882"   "6463039"   "6472975"   "6474341"   "6774624"   "6822570").PN. OR ("7158754").URPN.				
S34	23	S33 and (correct\$4 calibrat\$4) with (receiv \$3 sens\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/19 19:14
S35	5	S31 and voltage with (wave sinusoid@2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/19 20:14
S36	7	S31 and voltage with (wave sinusoid\$22)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/19 20:14
S37	5	S31 and current with (wave sinusoid\$22)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/19 20:20
S38	2	S31 and current with (sinusoid\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/19 20:22
S39	4	S33 and current with (sinusoid\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/19 20:23
S40	2	(S33 S31) and interleav \$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/19 20:34

S41	16	(S33 S31) and (alternat \$3 repeat\$3 iterat\$5 interleav\$3) with (correct \$4 calibrat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/19 20:38
S42	1443	(calibrat\$4 correct\$4) with (sensing array coil) same (marker tag)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 16:08
S43	552	(calibrat\$4 correct\$4) with (sensing array coil) same (marker tag) and (electromagnetic RF)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 16:08
S44	146	(calibrat\$4 correct\$4) with (sensing array coil) same (marker tag) same (magnetic electromagnetic RF)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 16:09
S45	48	(calibrat\$4 correct\$4) with (sensing array coil) same (marker tag) same (magnetic electromagnetic RF) and repeat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 16:09
S46	2	("20020193685").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/18 14:10
S47	2	("5731996").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/18 14:12
S48	2	("4745401").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/18 14:16

S49	2	("5057095").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/18 14:17
S50	3	(S48 S49) and excit\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 14:17
S51	13	("5008622"   "5239474"   "5264793"   "5331578"   "5337259"   "5387863"   "5558091").PN. OR ("5731996").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/18 15:22
S52	7	S51 and (correct\$4 calibrat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/18 15:23

**EAST Search History (I nterference)**

&lt; This search history is empty &gt;

**11/ 21/ 2009 8:32:12 PM****C:\ Documents and Settings\ eweatherby\ My Documents\ EAST\ Workspaces\ 10750456.w sp**